

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE IS REQUIRED BY APPLICANT

(37 CFR 1.98(b))

ATTY. DOCKET NO.
2001DE408SERIAL NO.
10/085,997

APPLICANT: Frank-Peter LANG, et al.

FILING DATE: 2/28/02

GROUP:

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
ND	AA 3,128,287	4/7/64	Berg			
ND	AB 3,159,581	12/1/64	Diehl			
ND	AC 3,213,030	10/19/65	Diehl			
ND	AD 3,332,880	7/25/67	Kessler, et al.			
ND	AE 3,400,148	9/3/68	Quimby, et al.			
ND	AF 3,422,021	1/14/69	Roy			
ND	AG 3,422,137	1/14/69	Quimby			
ND	AH 3,635,830	1/18/72	Lamberti, et al.			
ND	AI 3,936,537	2/3/76	Baskerville, Jr., et al.			
ND	AJ 3,985,669	10/12/76	Krummel, et al.			
ND	AK 4,374,035	2/15/83	Bossu			
ND	AL 4,412,934	11/1/83	Chung, et al.			
ND	AM 4,536,314	8/20/85	Hardy, et al.			
ND	AN 4,539,130	9/3/85	Thompson, et al.			
ND	AO 4,566,984	1/28/86	Bush			
ND	AP 4,605,509	8/12/86	Corkill, et al.			
ND	AQ 4,606,838	8/19/86	Burns			
ND	AR 4,634,551	1/6/87	Burns, et al.			
ND	AS 4,663,071	5/5/87	Bush, et al.			
ND	AT 4,664,839	5/12/87	Rieck			
ND	AU 4,671,891	6/9/87	Hartman			
ND	AV 4,681,592	7/21/87	Hardy, et al.			
ND	AW 4,681,695	7/21/87	Divo			
ND	AX 4,686,063	8/11/87	Burns			
	AY					

EXAMINER *L. M. K. W.*

DATE CONSIDERED 4/4/04

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(37 CFR 1.98(b))

ATTY. DOCKET NO.
2001DE408SERIAL NO.
10/085,997

APPLICANT: Frank-Peter LANG, et al.

FILING DATE: 2/28/02

GROUP:

FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION

		DOCUMENT NUMBER	PUB. DATE	COUNTRY		TRANSLATION
AD	BA	1,082,179	9/6/67	Great Britain	—	English
AD	BB	0 384 070	8/29/90	Europe	—	English
AD	BC	0 462 806	12/27/91	Europe	—	English
AD	BD	97/42287	11/13/97	WIPO	—	English
AD	BE	0 811 679	12/10/97	Europe	—	English
AD	BF	98/12296	3/26/98	WIPO	—	English
AD	BG	0 841 391	5/13/98	Europe	—	English
AD	BH	0 854 136	7/22/98	Europe	—	English
AD	BI	98/38276	9/3/98	WIPO	—	English
AD	BJ	01/00767	1/4/01	WIPO	—	English
	BK					
	BL					
	BM					
	BN					

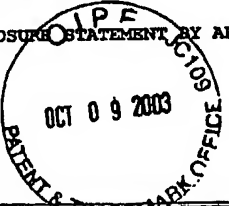
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

AD	CA	W. Stein, et al., "α-Sulfonated Fatty Acids and Ester: Manufacturing Process, Properties, and Applications", The Journal of the American Oil Chemists Society, 52 (1975), p. 323-329
	CB	U.S. application serial no. 10/085,712, filed 2/28/2002, Lang, et al.
	CC	
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	APPLICANT: Frank-Peter LANG, et al.	
	FILING DATE: 2/28/02	GROUP: 1751

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
110	AA	4,634,544	1/6/87	Weber, et al.	252	99	
115	AB	6,008,316	12/28/95	Foster, Jr., et al.	528	229	
	AC						
FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION							
		DOCUMENT NUMBER	PUB. DATE	COUNTRY			TRANSLATION
110	BA	EP 0 341 205	11/8/89	Europe	—	—	English
110	BB	EP 0 979 861	2/16/00	Europe	—	—	English
115	BC	EP 1 020 513	7/19/00	Europe	—	—	English
	BD						
	BE						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

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